

INTERNATIONAL SEARCH REPORT

International application No. PCT/CN02/00673

A. CLASS	IFICATION OF SUBJECT MATTER			
IPC 1 H04N7/26				
	o International Patent Classification (IPC) or to both na	ational classification and IPC		
	OS SEARCHED			
Minimum do	ocumentation searched (classification system followed			
		I04N7/26		
Documentat	tion searched other than minimum documentation to the	e extent that such documents are included	in the fields searched	
Electronic d	ata base consulted during the international search (nam	ne of data base and, where practicable, sear	rch terms used)	
	WPI,EPODOC,PAJ,CNPAT:RATE,DISTO	ORTION,QUANTIZATION,ALLOCA	TION	
C. DOCUI	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.	
A	WO0049570A1(UNISEARCH LTD)		1-29	
	24.Aug.2000 (24.08.00), the whole document	at		
A US5778192A(MOTOROLA INC;UNIV NORTHWESTERN)			1-29	
☐ Furthe	er documents are listed in the continuation of Box C.	☑ See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the internation or or priority date and not in conflict with the a cited to understand the principle or theory univention "X" document of particular relevance; the claim cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is take document is combined with one or more othed documents, such combination being obvious skilled in the art document published after the internation or priority date and not in conflict with the a cited to understand the principle or theory univention "X" document of particular relevance; the claim cannot be considered to involve an inventive document is combined with one or more othed documents, such combination being obvious skilled in the art document member of the same patent family		with the application but or theory underlying the e; the claimed invention to be considered to involve ent is taken alone e; the claimed invention in inventive step when the ir more other such ing obvious to a person		
Date of the	actual completion of the international search 10.Dec.2002 (10.12.02)	Date of mailing of the international sear 3 0 JAN 2003 (3 0, 0	0 1. 0.3)	
6 Xitucheng l Facsimile No	ailing address of the ISA/CN Rd., Jimen Bridge, Haidian District, 100088 Beijing, China b. 86-10-62019451 GA/210 (second sheet) (July 1998)	Authorized officer Wei, Wei Telephone No. (86-10)62093804	PE	

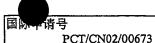
INTERNATIONAL SEARCH REPORT

Information on patent family members

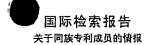
International application No. PCT/CN02/00673

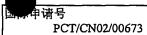
-	ļ	CI/CN02/00673
Publication	Patent Family	Publication
Date	Member(s)	Date
24.08.00	AU2784200A	04.09.00
07.07.98	None	None
	Date 24.08.00	Publication Patent Family Date Member(s) 24.08.00 AU2784200A



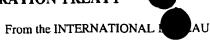


国际检索报告		PCT/CN02/00673
A. 主题的分类	TO 12/10 C	
	[04N7/26	
按照国际专利分类表(IPC)或者同时按照国家分类和 IPC	,	
B. 检索领域		
检索的最低限度文献(标明分类体系和分类号) IPC	' H04N7/26	
包含在检索领域中的除最低限度文献以外的检索文献		
在国际检索时查阅的电子数据库(数据库的名称和,如果WPI,EPODOC,PAJ,CNPAT:RATE,DISTORTION,QU		
C. 相关文件 类型* 引用文件,必要时,非		相关的权利要求编号
A WO0049570A1(UNISEARCH LTD)		1-29
24.08 月 2000(24.08.00),全文	·	
A US5778192A(MOTOROLA INC;UNIV NO	RTHWESTERN)	1-29
07.07 月 1998(07.07.98),全文		
□ 其余文件在 C 栏的续页中列出。	☑ 见同族专利附件。	
* 引用文件的专用类型: "A" 明确叙述了被认为不是特别相关的一般现有技术的文件 "E" 在国际申诺日的当天或之后公布的在先的申诺或专利 "L" 可能引起对优先权要求的怀疑的文件,为确定另一篇 引用文件的公布日而引用的或者因其他特殊理由而引 用的文件 "O" 涉及口头公开、使用、展览或其他方式公开的文件 "P" 公布日先于国际申诺日但迟于所要求的优先权日的文件	抵触,但是引用它是为 "X" 特别相关的文件,仅何 发明就不能认为是新 "Y"特别相关的文件,当证	后公布的在后文件,它与申请不相 了理解构成发明基础的理论或原理 仅考虑该文件,权利要求所记载的 颗的或不能认为是有创造性 亥文件与另一篇或者多篇该类文件 于本领域技术人员为显而易见时, 不具有创造性
国际检索实际完成的日期 10.12 月 2002(10.12.02)	国际检索报告邮寄日期 3 0. 1月 2003	(3 0. 0 1. 0 3)
国际检索单位名称和邮寄地址 ISA/CN 中国北京市海淀区西土城路 6 号(100088) 传真号: 86-10-62019451	受权官员 电话号码: 86-10-620938	数玮
	_1	





检索报告中引用的 专利文件	公布日期	同族专利成员	公布日期
WO0049570A1	24.08.00	AU2784200A	04.09.00
US5778192A	07.07.98	无	无



PCT

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

BENING BEIXIN-ZHICHENG INTELLECTUAL PROPERTY AGENT CO., LTD No.16, Xizhimen Nandajie Xicheng District Beijing 100035 CHINE

Date of mailing (day/month/year)
29 January 2004 (29.01.2004)

Applicant's or agent's file reference DP02017

IMPORTANT NOTICE

International application No. PCT/CN2002/000673

International filing date (day/month/year)
23 September 2002 (23.09.2002)

Priority date (day/month/year)
22 July 2002 (22.07.2002)

Applicant

INSTITUTE OF COMPUTING TECHNOLOGY CHINESE ACADEMY OF SCIENCES et al

 Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

AU, AZ, BY, CH. CO. DE. DZ. EP, HU, JP, KG, KP, KR, MD, MK, MZ, RU, TM, US

In accordance with Rule 47 from third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE, AG, AL. AM. AP. AT. BA. BB, BG, BR, BZ, CA, CR, CU, CZ, DK, DM, EA, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, ID, IL, IN. IS. KE. KZ. LC. LK, LR, LS, LT, LU, LV, MA, MG, MN, MW, MX, NO, NZ, OA, OM, PH, PL, PT, RO, SD, SE, SG, SI, SK. SL. TJ. TN. TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

 Enclosed with this notice is a copy of the international application as published by the International Bureau on 29 January 2004 (29.01.2004) under No. WO 2004/010702

. TIME LIMITS for filing a demand for international preliminary examination and for entry into the national phase

The applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 30 MONTHS from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of 19 months from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see *PCT Gazette* No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the *PCT Newsletter*, October and November 2001 and February 2002 issues.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the PCT Gazette, the PCT Newsletter and the PCT Applicant's Guide, Volume II, National Chapters, all available from WIPO's Internet site, at http://www.wipo.int/pct/en/index.html.

For filing a demand for international preliminary examination, see the PCT Applicant's Guide, Volume VA, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

It is the applicant's sole responsibility to monitor all these time limits.

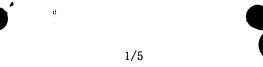
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer

Gijsbertus Beijer - Carlos Roy

Telephone No.(41-22) 338.91.11

Facsimile No.(41-22) 740.14.35

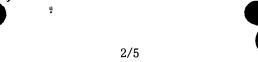




DP02017

0	由受理局填写	
0-1	国际申请号.	
0-2	国际申请日	
0-3	双四日女牧节"POT团后由津"	
• •	受理局名称及"PCT国际申请"	
0-4	PCT/RO/101表格 PCT请求书	44
0-4-1	软件版本	PCT-EASY Version 2.92
		(更新日期 01.06.2002)
0-5	请求	
	签字人请求按照专利合作条约的	
	规定处理本国际申请	
0-6	申请人指定的受理局	中国国家知识产权局 (RO/CN)
0-7	申请人或代理人的档案号	DP02017
I	发明名称	结合率失真优化的码率控制的方法及其装置
II	申请人	
11-1	该人是:	申请人 (applicant only)
11-2	是对下列国家的申请人:	除美国以外的所有指定国 (all designated States except
		US)
II-4zh	名称	中国科学院计算技术研究所
II-4en	Name	INSTITUTE OF COMPUTING TECHNOLOGY CHINESE
		ACADEMY OF SCIENCES
II-5zh	地址:	中国北京市
		海淀区中关村科学院南路6号,
		中科院计算所数字化室(物理所)
		100080
II-5en	Address:	Digital Technology Lab,
		Institute of Computing Technology,CAS(Institute of Physics Chinese Academy of Sciences)
		No.6 Kexueyuan South Road Zhongguancun,
	·	Haidian District
		Beijing 100080
		China
11-6	国籍:	中国 CN
11-7	居所:	中国 CN
8-11	电话号码:	82649012
11-9	传真号码:	82649012





8

DP02017

III-1	申请人和/或发明人	
111-1-1	该人是:	申请人和发明人 (applicant and inventor)
111-1-2	是对下列国家的申请人:	美国 (US only)
-1-4zh	姓名:	高文
	Name (LAST, First)	GAO, Wen
III-1-5zh	1	中国北京市
		海淀区中关村科学院南路6号,
		中科院计算所数字化室(物理所)
		100080
III-1-5en	Address:	Digital Technology Lab,
		Institute of Computing Technology,CAS(Institute of
		Physics Chinese Academy of Sciences)
		No.6 Kexueyuan South Road Zhongguancun, Haidian District
		Beijing 100080
		China
111-1-6	国籍:	中国 CN
III-1-7	居所:	中国 CN
III-2	申请人和/或发明人	
111-2-1	该人是:	申请人和发明人 (applicant and inventor)
111-2-2	是对下列国家的申请人:	美国 (US only)
III-2-4zh	姓名:	马 思伟
III-2-4en	Name (LAST, First)	MA, Siwei
III-2-5zh	地址:	中国北京市
		海淀区中关村科学院南路6号,
		中科院计算所数字化室(物理所)
		100080
III-2-5en	Address:	Digital Technology Lab,
		Institute of Computing Technology,CAS(Institute of
		Physics Chinese Academy of Sciences)
		No.6 Kexueyuan South Road Zhongguancun, Haidian District
		Beijing 100080
		China
111-2-6	国籍:	中国 CN
111-2-7	居所:	中国 CN







PCT请求书

原件(提交) - 打印于 2002年09月19日 (19.09.2002) 星期四 13时09分04秒

III-3	申请人和/或发明人		
111-3-1	该人是:	申请人和发明人 (applicant and inventor)	
111-3-2	是对下列国家的申请人:	美国 (US only)	
III-3-4zh	姓名:	日 岩	
III-3-4en	Name (LAST, First)	LU, Yan	
III-3-5zh	地址:	中国北京市	
III-3-5en	Address:	海淀区中关村科学院南路6号, 中科院计算所数字化室(物理所) 100080 Digital Technology Lab, Institute of Computing Technology,CAS(Institute of	
		Physics Chinese Academy of Sciences)	
		No.6 Kexueyuan South Road Zhongguancun,	
		Haidian District	
		Beijing 100080 China	
111-3-6	国籍:	中国 CN	
111-3-7	居所:	中国 CN	
IV-1	代理人, 共同代表或通信地址		
		代理人 (agent)	
	主管国际单位办理事务的:	14254 (235)	
IV-1-1zh	名称	北京北新智诚专利代理有限公司	
IV-1-len	Name	BEIJING BEIXIN-ZHICHENG PATENT AGENT CO., LTD	
IV-1-2zh	地址:	中国北京市	
		西城区西直门南大街16号 20025	
		100035	
IV-1-2en	Address:	No.16,Xizhimen Nandajie,	
		Xicheng District Beijing 100035	
		China	
IV-1-3	电话号码:	66160610	
IV-1-4	传真号码:	66171933	
γ	国家的指定		
V-1	地区专利	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW 及其	
	(其他保护类型(如有的话)注明	他同时是哈拉雷协定缔约国和PCT缔约国的国家	
	在所涉及指定国后的括号内)	EA: AM AZ BY KG KZ MD RU TJ TM 及其他同时是欧亚专	
		利公约缔约国和PCT缔约国的国家	
		EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR	
		IE IT LU MC NL PT SE SK TR 及其他同时是欧洲专利公约缔	
		约国和PCT缔约国的国家	
	1	OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN	
		TD TG 及其他同时是非洲知识产权组织成员国和PCT缔约国的国家	
		H1 E 20	

DP02017







DP02017

V-2	国家专利	AE AG AL AM AT AU AZ BA	BB BG BR BY BZ CA CH&LI
	(其他保护类型(如有的话)注明	CO CR CU CZ DE DK DM D	Z EC EE ES FI GB GD GE GH
	在所涉及指定国后的括号内)		KG KP KR KZ LC LK LR LS
			N MW MX MZ NO NZ OM PH
		UG US UZ VC VN YU ZA ZM	SK SL TJ TM TN TR TT TZ UA
V-5	死 叶 灶 村 六 士 四	UG US UZ VC VN YU ZA ZIV	I ZVV
7 0	预防性指定声明		
	除在V-1, V-2和V-3项中所作的指定外,申请人还按照细则4.9(b)指定除		
	下面V-6项所列出的国家外PCT所允		
	许指定的所有国家,申请人声明这些		
	补充指定是以确认为条件,并且自优		
	先权日起15个月期限届满前尚未被		
	确认的任何指定应认为被申请人在 该期限届满时撤回。		
V-6	预防性指定的例外	Ŧ (NONE)	
VI-1		无 (NONE)	
VI-1-1	要求在先国家申请的优先权		
VI-1-2	申请日	2002年07月22日 (22.07.2002	3)
VI-1-2 VI-1-3	申请号	02125274.2	
	国家	中国 CN	
VI-2	优先权文件请求		
		VI-1	
	述在先申请中标号如下的在先申		
VII-1	请的证明副本:		
	选定的国际检索单位	中国国家知识产权局 (ISA/CN)
VIII	声明	声明数目	
VIII-1	关于发明人身份的声明	-	
VIII-2	关于申请人在国际申请日有权申	-	
	请和被授予专利的声明		
VIII-3	关于申请人于国际申请日有权要	-	
	求在先申请的优先权的声明		
VIII-4	发明人资格声明(仅为指定美国	-	
	目的)		
VIII-5	关于不损害新颖性的公开及丧失	-	
TV	新颖性的例外的声明	72 W.	7/11/1 etc 7 etc ht/
IX	清单	<u> </u>	附以电子文档
IX-1	请求书(包括声明页)	5	-
1X-2	说明书	22	-
IX-3	权利要求	12	•
IX-4	摘要	1	EZABST00.TXT
IX-5	附图	1	-
[X-7	共计	41	
	附件	附以纸件	附以电子文档
IX-8	费用计算页	✓	
IX-9	单独委托书原件	✓	-
IX-17	PCT-EASY磁盘	-	磁盘
IX-19	应与摘要一起公布的附图图号	1	
IX-20	国际申请所用语言	中文	
	1 44/11/14 tel FI	l·^	







DP02017

PCT请求书

	原件(定义) - 11中1	2002年09月19日(15. 05. 2002) 在新日 15时09月049
Х	申请人或代理人签字	
X-1	姓名:	
X-2	身份	
		由受理局填写
10-1	据称的国际申请文件的实际收到 日期	
10-2	附图:	
10-2-1	收到	
10-2-2	未收到	
10-3	由于随后在期限内收到补充国际 申请的文件或附图, 更改的实际 收到日期	
10-4	在期限内收到根据PCT第11(2)条 所进行的改正的日期	
10-5	国际检索单位	ISA/CN
10-6	检索本的传送被推迟到收到检索 费之后	
		由国际局填写

11-1	国际局收到登记本的日期		